

Title (en)

METHOD FOR THE PRODUCTION OF WATERFREE AND DUSTFREE ANIONIC SURFACTANTS

Title (de)

VERFAHREN ZUR HERSTELLUNG WASSER- UND STAUBFREIER ANIONTENSIDGRANULATE

Title (fr)

PROCEDE DE PRODUCTION DE GRANULES DE TENSIOACTIFS ANIONIQUES ANHYDRES ET SANS POUSSIERE

Publication

EP 0929647 B2 20060329 (DE)

Application

EP 97910389 A 19970929

Priority

- DE 19641275 A 19961007
- EP 9705348 W 19970929

Abstract (en)

[origin: DE19641275C1] Disclosed is a new method for the production of waterfree and dustfree anionic surfactants with a high bulk density. According to the invention aqueous monoglyceride (ether) sulfate pastes with a solids content of at least 20 wt% are simultaneously dried and fractionated in a horizontally placed thin film evaporator with rotating components until water residue is less than 2 wt%. A negative temperature gradient is then applied to the thin film evaporator from product input to product output, counterflowing air is injected, and drying occurs solely through the heated wall.

IPC 8 full level

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CPC (source: EP US)

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Citation (opposition)

Opponent :

- WO 9606916 A1 19960307 - UNILEVER PLC [GB], et al
- US 5536431 A 19960716 - CARDUCK FRANZ-JOSEF [DE], et al

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DE 19641275 A 19961007; DE 59702694 T 19970929; EP 9705348 W 19970929; EP 97910389 A 19970929; ES 97910389 T 19970929; JP 51714598 A 19970929; US 26910299 A 19990319